

PI 549120 to 549135-continued

- PI 549130 **donor id:** N40. **origin:** United States. **pedigree:** Population derived from annual and biannual sweetclovers with genotype N40 (YYccCuCubb), which is one of a set of 16 populations representing all possible homozygous combinations of 4 allelic pairs Y/y, C/c, Cu/cu and B/b. **remarks:** Y/y and C/c alleles govern seed color, Cu/cu alleles govern coumarin content, B/b alleles govern Beta-glucosidase activity in sweet clover. N40 (YYccCuCubb) genotype has light yellow seed, high in coumarin content and low in Beta-glucosidase activity. Seed should be scarified before planting. **received as:** M. alba. Annual. Genetic Material. Seed.
- PI 549131 **donor id:** N41. **origin:** United States. **pedigree:** Population derived from annual and biannual sweetclovers with genotype N41 (YYccCuCuBB), which is one of a set of 16 populations representing all possible homozygous combinations of 4 allelic pairs Y/y, C/c, Cu/cu and B/b. **remarks:** Y/y and C/c alleles govern seed color, Cu/cu alleles govern coumarin content, B/b alleles govern Beta-glucosidase activity in sweet clover. N41 (YYccCuCuBB) genotype has light yellow seed, high in coumarin content and Beta-glucosidase activity. Seed should be scarified before planting. **received as:** M. alba. Annual. Genetic Material. Seed.
- PI 549132 **donor id:** N42. **origin:** United States. **pedigree:** Population derived from annual and biannual sweetclovers with genotype N42 (YYCCcucubb), which is one of a set of 16 populations representing all possible homozygous combinations of 4 allelic pairs Y/y, C/c, Cu/cu and B/b. **remarks:** Y/y and C/c alleles govern seed color, Cu/cu alleles govern coumarin content, B/b alleles govern Beta-glucosidase activity in sweet clover. N42 (YYCCcucubb) genotype has medium yellow seed, low in coumarin content and Beta-glucosidase activity. Seed should be scarified before planting. **received as:** M. alba. Annual. Genetic Material. Seed.
- PI 549133 **donor id:** N43. **origin:** United States. **pedigree:** Population derived from annual and biannual sweetclovers with genotype N43 (YYCCcucuBB), which is one of a set of 16 populations representing all possible homozygous combinations of 4 allelic pairs Y/y, C/c, Cu/cu and B/b. **remarks:** Y/y and C/c alleles govern seed color, Cu/cu alleles govern coumarin content, B/b alleles govern Beta-glucosidase activity in sweet clover. N43 (YYCCcucuBB) genotype has medium yellow seed, low in coumarin content and high in Beta-glucosidase activity. Seed should be scarified before planting. **received as:** M. alba. Annual. Genetic Material. Seed.